

## ABSTRACT OF THE DISCLOSURE

- [34] The windshield heating air appliance is designed to keep heated air in an isolated area referred to as the controlled windshield heating air space, which is formed by attaching the windshield heating air appliance to the windshield. The controlled windshield heating air space is less than 1% of the automobile passenger compartment; thus air in the controlled windshield heating air space can be quickly heated, and the windshield surface can be maintained at an optimal temperature to prevent fogging of the windshield and reduce the time to melt ice accumulated on the windshield.
- [35] An additional insulation layer, formed by an automobile front side window cover and air inside the front side window cover, significantly reduces fogging of the automobile side window in a wet or cold climate.